Amendments to the Specification:

Please insert the following new section on page 1, after the title:

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is based upon and claims the benefit of priority under 35 U.S.C. § 119 from the prior Australian Patent Application No. 2002952872, filed November 25, 2002, the entire contents of which is incorporated herein by reference.

Please replace the paragraph on page 1, line 8, with the following amended paragraph:

A number of autostereoscopic displays are starting to appear on the market.

Please replace the paragraph on page 1, lines 16-19, with the following amended paragraph:

In US patents 6,118,584 and 6,064,424, included here in fullincorporated by reference herein, van Berkel describes an autostereoscopic display that requires seven views. In German patent PCT WO 01/56302 A1, included here in fullincorporated by reference herein, Grasnik describes an autostereoscopic display that requires eight views.

Please replace the paragraph on page 4, lines 18-23, with the following amended paragraph:

intercepting data passed from an application to an application programming interface, said data representing a scene or object to be displayed on said display, and wherein said data is intercepted by looking up an internal symbol table to determine a memory location for an application programmeprogram interface function, storing a modified library into memory, and redirecting application commands to said memory location to said modified library;

Please replace the paragraph on page 11, lines 17-19, with the following amended paragraph:

The mask values are calculated using the characteristics of the screen. Essentially it is necessary to calculate two variables, the number of views per ~~colour~~color component V_c and the number views per image row, V_r.

Please replace the paragraph on page 11, line 28 through page 12, line 4, with the following amended paragraph:

To form a composite 3D image for a lenticular LCD the image is traversed in a raster scan. For the first position in the raster scan the view is initialised to an arbitrary view number. For each subsequent red, green or blue ~~colour~~color component in the same row of the raster scan the previous view is incremented by the value of V_c. As V_c may be a fractional value (for example, 2.63) the view calculated is fractional. Similarly, as the raster scan advances to a new row the view is incremented by Vr.

Please replace the paragraph on page 12, lines 16-19, with the following amended paragraph:

The second step of intermediate view generation is to compose all rendered exact views to generate the final image for display. This is done by applying a simple summation function for each pixel component (red, ~~green ,blue~~green, blue) as follows:

Please amend the Abstract, page 18, as follows:

A method of generating images suitable for use with a multi-view stereoscopic display is provided. The method includes—including the steps of intercepting data passed from an application to an application programming interface, the data representing a scene or object to be displayed on the display; processing the data to render multiple views of the scene or object; creating modified data by modifying the intercepted data to represent the multiple views; and passing the modified data to the application programming interface.